

**GALT Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6880b****Specification**

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**GALT Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P07902](#)**GALT Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2592**Other Names**Galactose-1-phosphate uridylyltransferase, Gal-1-P uridylyltransferase,  
UDP-glucose--hexose-1-phosphate uridylyltransferase, GALT**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6880b](/products/AP6880b) was selected from the C-term region of human GALT. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GALT Antibody (C-term) Blocking Peptide - Protein Information****Name** GALT**Function**

Plays an important role in galactose metabolism.

**GALT Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**GALT Antibody (C-term) Blocking Peptide - Images**

**GALT Antibody (C-term) Blocking Peptide - Background**

Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet.

**GALT Antibody (C-term) Blocking Peptide - References**

Leslie, N.D., et.al., Genomics 14 (2), 474-480 (1992)